

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 59207674
PUBLICATION DATE : 24-11-84

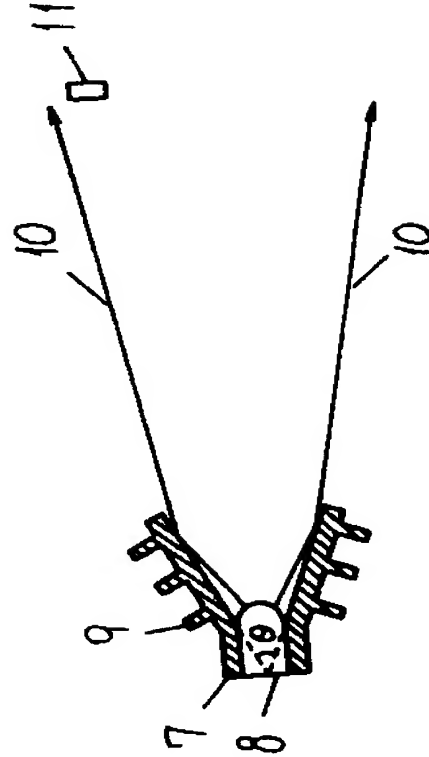
APPLICATION DATE : 10-05-83
APPLICATION NUMBER : 58082041

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : SUEHIRO YOSHIKAZU;

INT.CL. : H01L 33/00 G02B 17/06 H04B 9/00

TITLE : LIGHT TRANSMITTING DEVICE



ABSTRACT : PURPOSE: To increase radiation intensity and to obtain intermediate directivity, by contacting a light emitting element with the inner side of the vertex of the cone of a reflector, fixing the element, forming the inner surface of the cone of the reflector in a mirror shape, and providing heat dissipating fins on the outer surface.

CONSTITUTION: A light emitting element 8, which comprises an LED and has broad directivity, is contacted with the inner surface of the vertex of the cone of a conical reflector 7 with a broad area. Heat conductivity is improved by applying silicon grease to the contact part. The inner surface of the reflector 7 is of a mirror shape. Heat dissipating fins 9 are provided on the outer surface of the reflector 7. Since the emitted light is reflected by the inner surface, all the light is utilized for communication.

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